CME GROUP INC.

Form 4 May 29, 2008

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Bitsberger Timothy S.

(Middle)

(Zip)

(First)

20 S. WACKER DRIVE

(Street)

(State)

CHICAGO, IL 60606

2. Issuer Name and Ticker or Trading

Symbol

CME GROUP INC. [CME]

3. Date of Earliest Transaction (Month/Day/Year)

05/27/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

(Check all applicable)

X_ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct (D) or Indirect (I) (Instr. 4)

Indirect Beneficial Ownership (Instr. 4)

(9-02)

(A) Transaction(s) or (Instr. 3 and 4)

166

Code V Amount (D) Price

Common

Stock Class 05/27/2008 Α

 $A^{(1)}$

166

\$0

A

D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of **SEC 1474** information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)			7. Title Amoun Underly Securiti (Instr. 3	unt of erlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner runner runners	Director	10% Owner	Officer	Other			
Bitsberger Timothy S. 20 S. WACKER DRIVE CHICAGO, IL 60606	X						

Signatures

By: Margaret C. Austin For: Timothy Bitsberger

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Granted pursuant to the Chicago Mercantile Exchange Holdings Inc. 2005 Director Stock Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

05/28/2008

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